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ABSTRACT

A method and system for implementing coalescing write IOs for an electronic and computerized system is disclosed. The electronic and computerized system has a buffer cache storing data blocks waiting for being written into a disk of the electronic and

5   computerized system. Dirty data blocks with consecutive data block addresses in the buffer cache are coalesced and written to the disk together. Thus, the disk head movements for performing the write IOs are significantly reduced, thereby allowing the electronic and computerized system to maintain a high IO throughput and high peak performance with fewer disks.